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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/676,053C

DATE: 04/07/2003
 TIME: 14:30:48

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF4\04072003\I676053C.raw

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4 <110> APPLICANT: Allergan Sales, Inc
6 <120> TITLE OF INVENTION: MODIFICATION OF CLOSTRIDIAL TOXINS FOR
7   USE AS TRANSPORT PROTEINS
10 <130> FILE REFERENCE: 17044DIV(AP)
12 <140> CURRENT APPLICATION NUMBER: 09/676,053C
13 <141> CURRENT FILING DATE: 2000-09-28
15 <150> PRIOR APPLICATION NUMBER: 08/750,101
16 <151> PRIOR FILING DATE: 1997-05-01
18 <150> PRIOR APPLICATION NUMBER: PCT/GB95/0125
19 <151> PRIOR FILING DATE: 1995-05-31
21 <150> PRIOR APPLICATION NUMBER: GB 9410870.1
22 <151> PRIOR FILING DATE: 1994-05-31
24 <150> PRIOR APPLICATION NUMBER: GB 9410871.9
25 <151> PRIOR FILING DATE: 1994-05-31
27 <160> NUMBER OF SEQ ID NOS: 19
29 <170> SOFTWARE: FastSEQ for Windows Version 3.0
31 <210> SEQ ID NO: 1
32 <211> LENGTH: 33
33 <212> TYPE: DNA
34 <213> ORGANISM: Clostrium botulinum
36 <400> SEQUENCE: 1
37 gagatggtcg acatgc当地 aaccataaaat aat          33
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 32
41 <212> TYPE: DNA
42 <213> ORGANISM: Clostrium botulinum
44 <400> SEQUENCE: 2
45 acgcgaagct tttatcatgc agttcttatta ta          32
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 30
49 <212> TYPE: DNA
50 <213> ORGANISM: Clostrium botulinum
52 <400> SEQUENCE: 3
53 tagtacatgt ataagtgcgt gcattaaatag          30
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 20
57 <212> TYPE: DNA
58 <213> ORGANISM: Clostrium botulinum
60 <400> SEQUENCE: 4
61 ttatacatgt actacatggt          20
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 23
65 <212> TYPE: DNA

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APR 15 2003

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66 <213> ORGANISM: Clostrium botulinum
 68 <400> SEQUENCE: 5
 69 aaaggccttt tgttaataaa caa 23
 71 <210> SEQ ID NO: 6
 72 <211> LENGTH: 26
 73 <212> TYPE: DNA
 74 <213> ORGANISM: Clostrium botulinum
 76 <400> SEQUENCE: 6
 77 ggaattctta cttattgtat ccttta 26
 79 <210> SEQ ID NO: 7
 80 <211> LENGTH: 18
 81 <212> TYPE: DNA
 82 <213> ORGANISM: Clostrium botulinum
 84 <400> SEQUENCE: 7
 85 gcacatcaac ttatacat 18
 87 <210> SEQ ID NO: 8
 88 <211> LENGTH: 18
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Clostrium botulinum
 92 <400> SEQUENCE: 8
 93 atgtataagt tgatgtgc 18
 95 <210> SEQ ID NO: 9
 96 <211> LENGTH: 18
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Clostrium botulinum
 100 <400> SEQUENCE: 9
 101 aacttatata tgctggac 18
 103 <210> SEQ ID NO: 10
 104 <211> LENGTH: 18
 105 <212> TYPE: DNA
 106 <213> ORGANISM: Clostrium botulinum
 108 <400> SEQUENCE: 10
 109 gtccagcata tataagtt 18
 111 <210> SEQ ID NO: 11
 112 <211> LENGTH: 13
 113 <212> TYPE: PRT
 114 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <223> OTHER INFORMATION: Synthetic antigen
 119 <400> SEQUENCE: 11
 120 Cys Ala Asn Gln Arg Ala Thr Lys Met Leu Gly Ser Gly
 121 1 5 10
 123 <210> SEQ ID NO: 12
 124 <211> LENGTH: 29
 125 <212> TYPE: DNA
 126 <213> ORGANISM: Clostrium botulinum
 128 <400> SEQUENCE: 12
 129 attcaccaa taaccataaa taatttttag 29
 131 <210> SEQ ID NO: 13

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132 <211> LENGTH: 26
133 <212> TYPE: DNA
134 <213> ORGANISM: Clostrium botulinum
136 <400> SEQUENCE: 13
137 cgggatcctt ctgtatcatt gtaaaat 26
139 <210> SEQ ID NO: 14
140 <211> LENGTH: 63
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Polylinker region
147 <400> SEQUENCE: 14
148 atcgaggaa ggatttcaga attcggatcc tctagagtgc acatgccaat aaccataaag 60
149 ctt 63
151 <210> SEQ ID NO: 15
152 <211> LENGTH: 11
153 <212> TYPE: PRT
154 <213> ORGANISM: Clostridium tetani
156 <400> SEQUENCE: 15
157 Leu Leu Met His Glu Leu Ile His Val Leu His
158 1 5 10
160 <210> SEQ ID NO: 16
161 <211> LENGTH: 11
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Ala 234 mutant region of C.tetani light chain
168 <400> SEQUENCE: 16
169 Leu Leu Met His Ala Leu Ile His Val Leu His
170 1 5 10
172 <210> SEQ ID NO: 17
173 <211> LENGTH: 13
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Polylinker region
180 <400> SEQUENCE: 17
181 Ile Glu Gly Arg Ile Ser Glu Phe Gly Ser Pro Pro Phe
182 1 5 10
184 <210> SEQ ID NO: 18
185 <211> LENGTH: 39
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: Polylinker region
192 <400> SEQUENCE: 18
193 atcgaggaa ggatttcaga attcggatcc cccccctttt 39
195 <210> SEQ ID NO: 19
196 <211> LENGTH: 19

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197 <212> TYPE: PRT
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Polylinker region
203 <400> SEQUENCE: 19
204 Ile Glu Gly Arg Ile Ser Glu Phe Gly Ser Ser Arg Val Asp Met Pro
205 1 5 10 15
206 Ile Thr Ile

VERIFICATION SUMMARY

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